

AMENDMENTS TO THE SPECIFICATION:

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Please substitute the following replacement Abstract for the Abstract as originally filed (a clean version of the Abstract is appended hereto on a separate sheet):

A method is described for authenticating a portable object that includes an information processing means a processor and an information storage means a memory. The information storage means memory contains at least one code defining operations capable of being executed by the portable object, as well as a one-way function. The method comprises an authentication of the portable object which includes sending the portable object an order so that the latter executes a calculation of a result by applying to said the one way function at least part of said the code. This result is used to decide whether or not the portable object is authentic. This result enters into the implementation of a given operation, the operation being performed successfully only when the portable object is authentic.